



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Joel W. Hoehn et al.

Appln. No. : 10/607,910

Filed : June 27, 2003

Title : Method Of Forming A Tunneling
Magnetoresistive Head

Docket No. : I69.12-0591

Group Art Unit:

Examiner:

SUBMISSION UNDER 37 C.F.R. 3.73(b)

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Seagate Technology LLC, a Delaware corporation, is an owner of the patent application identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel ____, Frame ____, or a copy of which is attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of Seagate Technology LLC.

Signature:

Paul T. Dietz, Reg. No. 38,858

Date:

Sept 11, 2003

Title:

Patent Attorney

ASSIGNMENT

Attorney Docket No. : I69.12-0591

Seagate Docket No. : STL 11355.00

WHEREAS, we, Joel W. Hoehn, 650 Hillary Farm Road, Hudson, Wisconsin 54016, U.S.A., Cyril Peter DeVries, 8225 Rhode Island Avenue South, Bloomington, Minnesota 55438, U.S.A., Kristin Joy Duxstad, 11067 Bluestem Lane, Eden Prairie, Minnesota 55347, U.S.A., and Harry Sam Edelman, 2610 Irving Avenue South, Minneapolis, Minnesota 55408, U.S.A., are the inventor(s) of an invention entitled METHOD OF FORMING A TUNNELING MAGNETORESISTIVE HEAD that is the subject matter of: (Check all that apply)

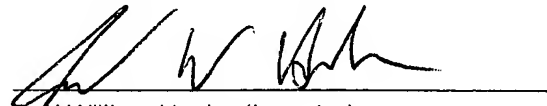
- ☐ a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. _ filed on _;
- ☒ an application for Letters Patent which has been executed on even date herewith and/or is identifiable in the United States Patent and Trademark Office by Application No. filed on ;and
- ☐ an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Receiving Office by Application No. ,filed on ; and

WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under the laws of the State of Delaware and the United States of America, and having offices at 920 Disc Drive, Scotts Valley, California, 95066 USA, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

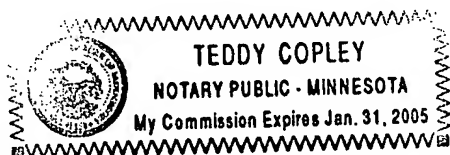
We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above identified international application and any international application for the invention.

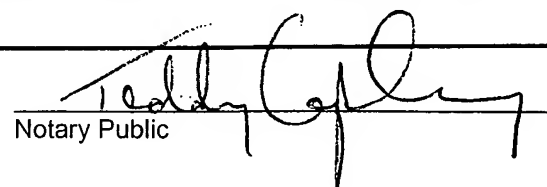
We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding.


Joel William Hoehn (Inventor)

Subscribed and sworn to before me in the County of Hennepin, State of Minnesota, a Notary Public, this
27 day of June, 2003.

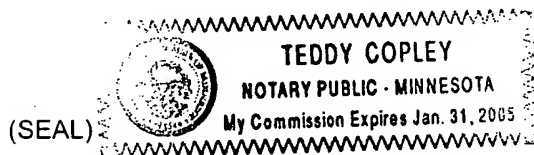
(SEAL)




Notary Public

Cyril Peter DeVries
Cyril Peter DeVries (Inventor)

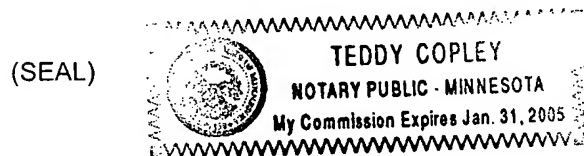
Subscribed and sworn to before me in the County of Hennepin, State of Minnesota, a Notary Public, this
27th day of JUNE, 2003.



Teddy Copley
Notary Public

Kristin Joy Duxstad
Kristin Joy Duxstad (Inventor)

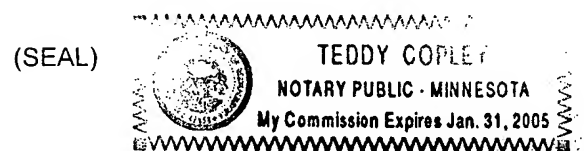
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27th day of JUNE, 2003.



Teddy Copley
Notary Public

Harry S. Edelman
Harry Sam Edelman (Inventor)

Subscribed and sworn to before me in the County of Hennepin, State of Minnesota, a Notary Public, this
27th day of JUNE, 2003.



Teddy Copley
Notary Public